

Response Robot Evaluation Exercise

FEMA US&R Task Force Training Facility (TX-TF1)

Disaster City, College Station, TX

November 17-21, 2008

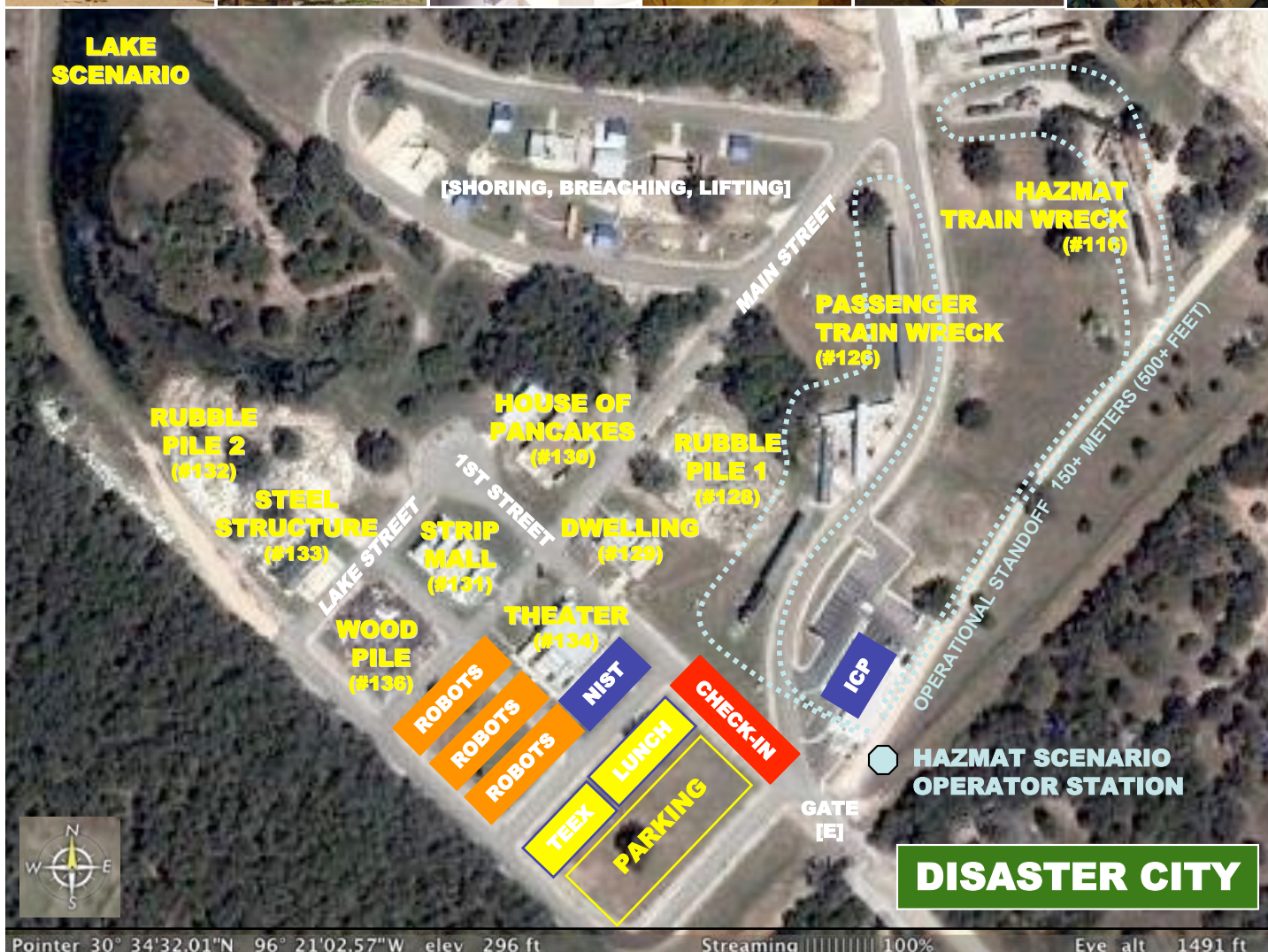
(including an ASTM E54.08.01 standards committee meeting Friday morning)

Sponsor: Bert Coursey, Science & Technology Directorate, DHS

www.isd.mel.nist.gov/us&r_robot_standards

Test Director: Adam Jacoff, Intelligent Systems Division, NIST

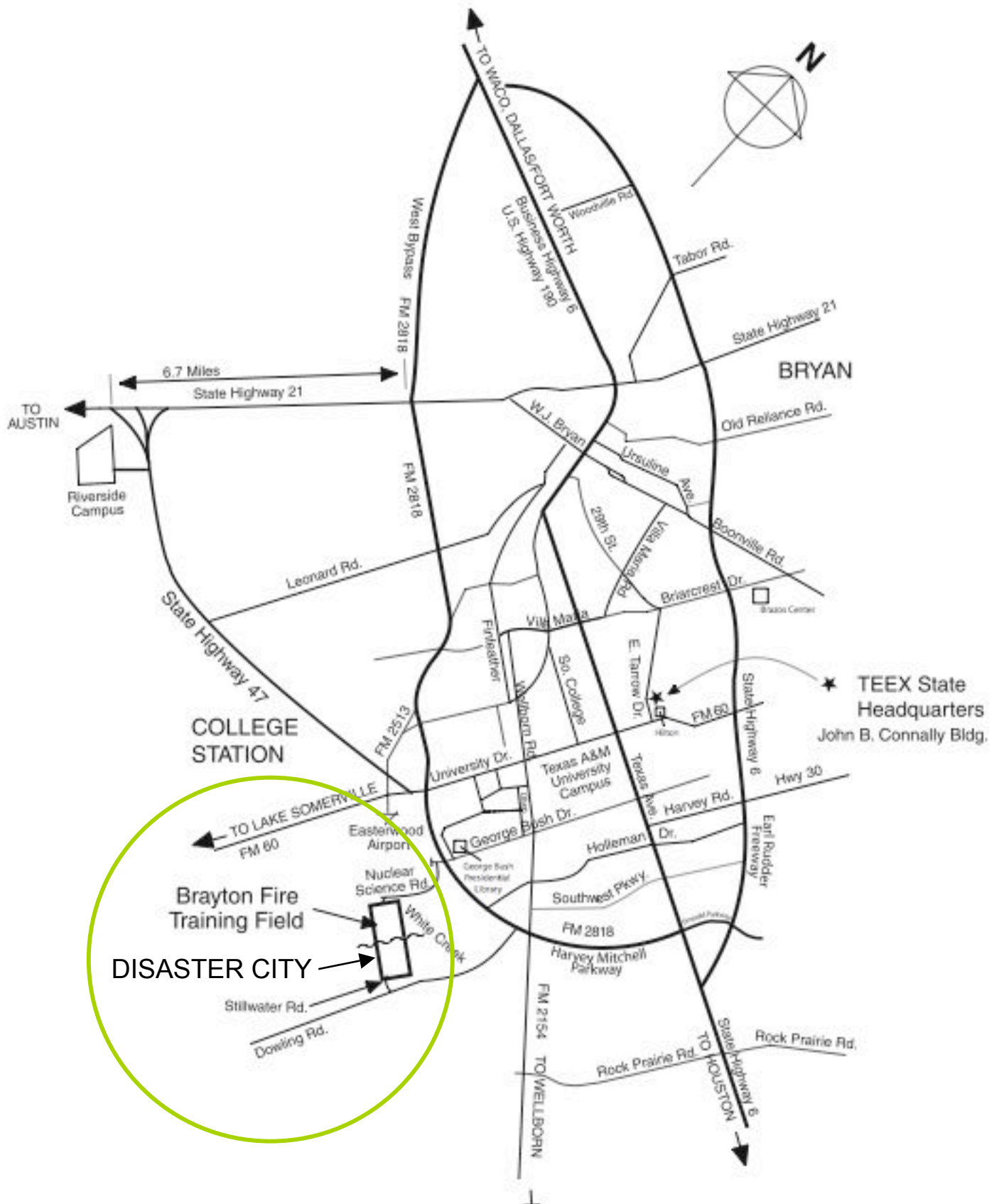
usar.robots@nist.gov



Some Emerging Standard Test Methods For Response Robots (ASTM E54.08)

		Cache Packaging		
		Human Factors		
		Visual Acuity		
		Radio Comms		
		Inclined Plane		
		Random Stepfields		
		Grasping Dexterity		

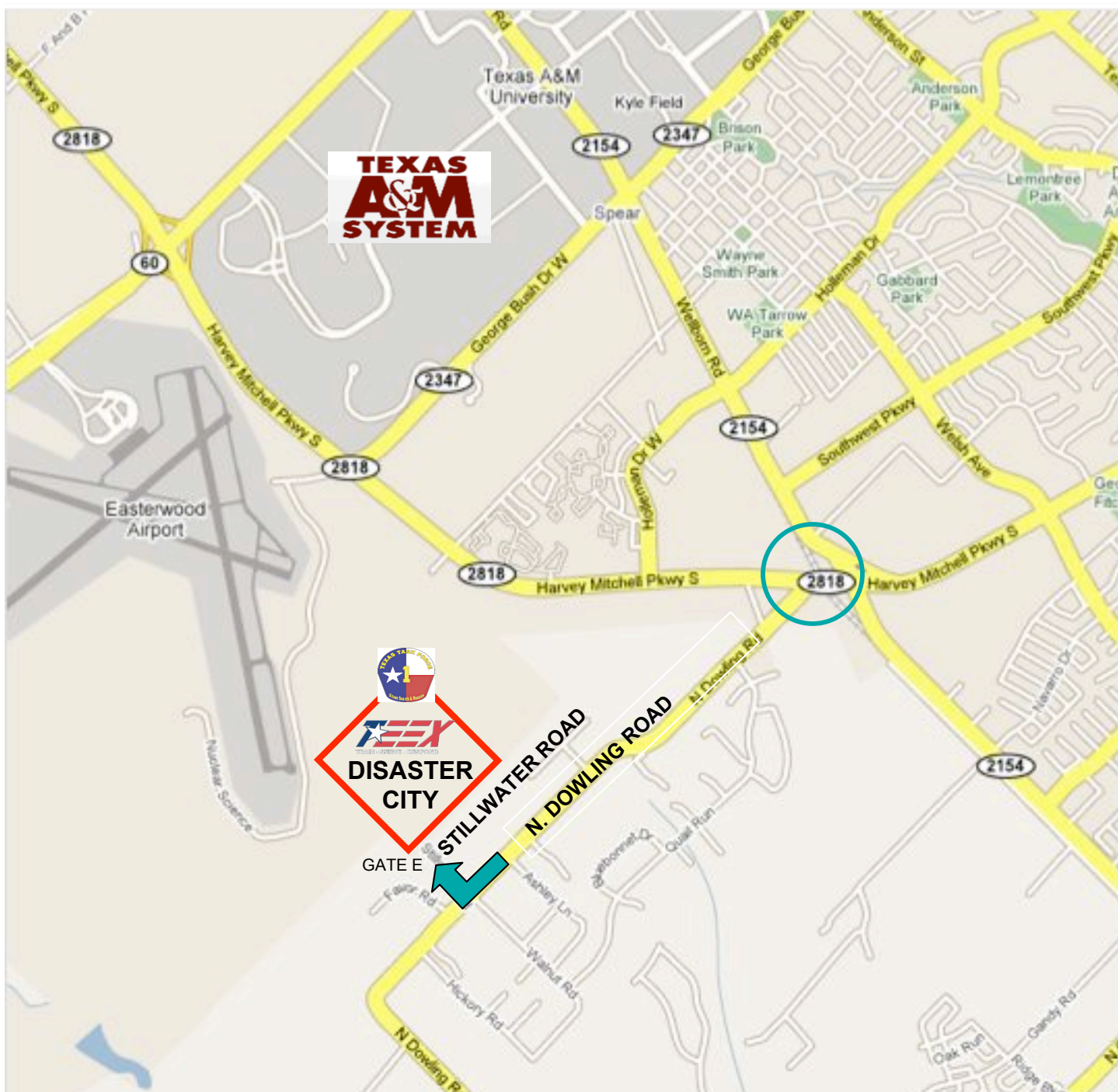
Bryan-College Station Area



Directions to DHS/NIST/TEEX Response Robot Evaluation Exercise Disaster City, College Station, TX (June 18-22, 2007)

From FM 2818 Harvey Mitchell Parkway (west of intersection with FM 2154 Wellborn Road)

- Turn onto N. Dowling Road
- Right onto Stillwater Road
- Enter Disaster City Gate E is straight ahead
- Parking area is just inside the gate to left
- Accountability check-in and badge pickup is to right

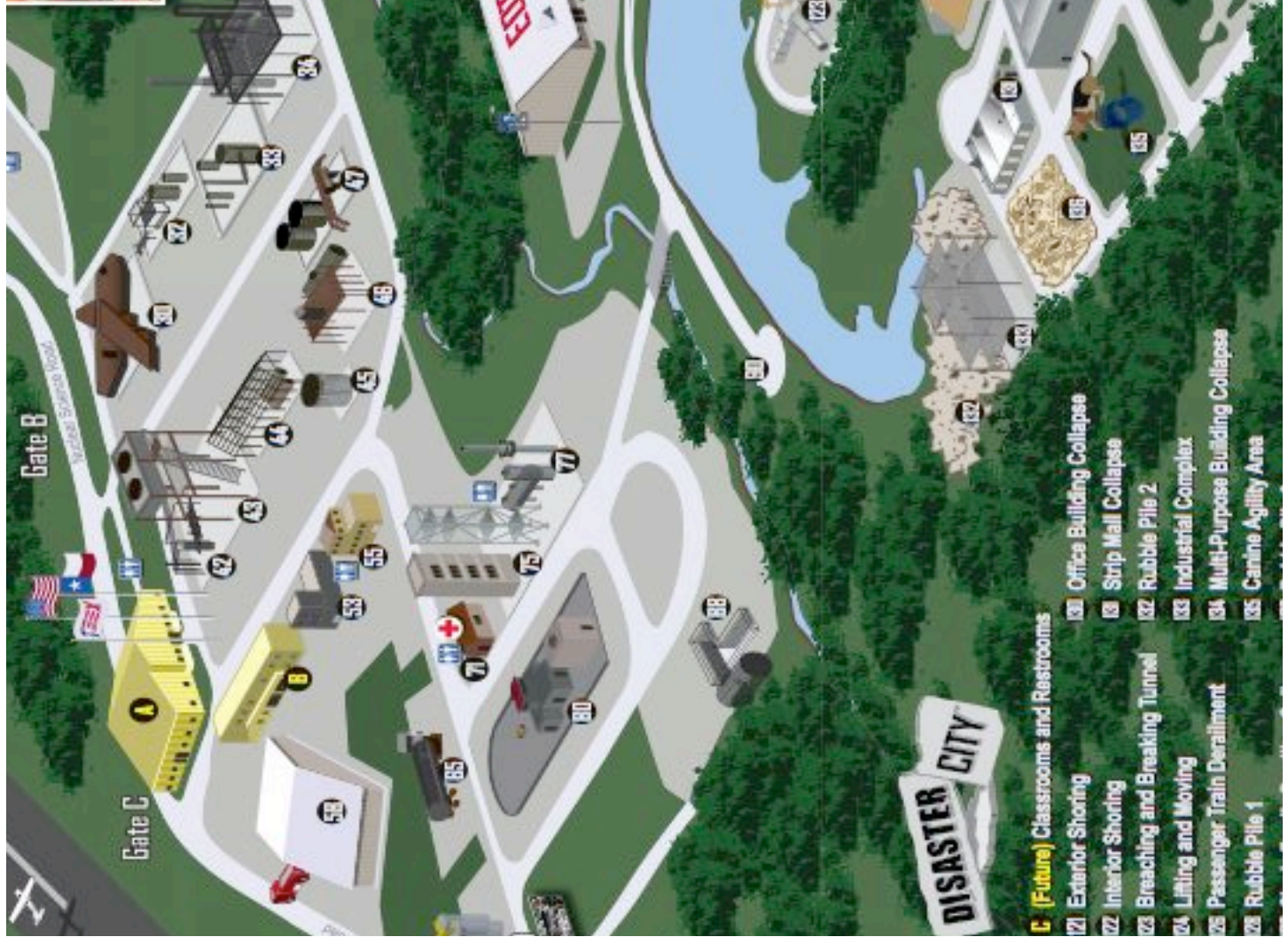






EMERGENCY OPERATIONS TRAINING CENTER

- A (Future) H.D. Smith Ops Complex** 53 Warehouse
- B (Future) Structural Burn Complex** 55 Apartment / Commercial / Retail
- 30 Aircraft Rescue & Firefighting
- 32 Pipe Rack
- 33 Process Unit
- 34 Chemical Complex
- 42 Pump Alley
- 43 Aerial Cooler
- 44 Loading Terminal
- 45 API Storage Tank
- 46 Rail Tank Car Loading Rack
- 47 Tank and Dike
- 50 Fire Station/Recruit Dormitories
- 65 LPG/Gasoline Transport
- 71 First Aid Station
- 75 Rescue Towers
- 77 Rescue Vessels
- 80 Ship Deck/Structure/Engine
- 88 LNG/Auto Extrication
- 90 Ag Rescue
- 95 Emergency Operations Training



- C (Future) Classrooms and Restrooms**
- 21 Exterior Shoring
- 22 Interior Shoring
- 23 Breaching and Breaking Tunnel
- 24 Lifting and Moving
- 25 Passenger Train Derailment
- 26 Rubble Pile 1
- 30 Office Building Collapse
- 31 Strip Mall Collapse
- 32 Rubble Pile 2
- 33 Industrial Complex
- 34 Multi-Purpose Building Collapse
- 35 Canine Agility Area



TEXAS ENGINEERING EXTENSION SERVICE
College Station, Texas

